

Borehole 27-MH-3page 1 of 1

## Log of Borehole

Project <u>Vandenberg</u>	8" Hole Depth <u>28 feet</u>	START <u>6/22/87</u> FINISH <u>6/22/87</u>
Location <u>Site #27 395A</u>	12" Hole Depth <u>18 feet</u>	Date <u>6/22/87</u> <u>6/22/87</u>
Geologic Log by <u>Dwyer</u>	Depth to Water <u>11.9 feet</u>	Time <u>0845</u> <u>1105</u>
Driller <u>Fred Carey (Beylik)</u>	Rig <u>CME 55 ATV</u>	How Left <u>Locked</u>
Drilling Method <u>Hollow-stem Auger</u>	Bit(s) <u>Finger-tooth Auger Bit</u>	<u>above-ground</u>
Weather <u>Clear/Warm</u>	TOC Elevation <u>304.4 feet</u>	<u>well completion.</u>

Depth	Pene. Rate/ Blow Cts	OVA/ Sample	OVA/ Hole	Sample		Geologic and Hydrologic Description		% Core Recovery
				#	Interval	Lith. Symbol		
0								
5	2,4,6	0.0	0.0		3-4½		3'-4½': Silty sand (90% sand), coarse grained, well sorted, quartz, subangular, loose, slightly moist, brown, minor diatomite fragments. (SP/SM)	80%
				5499				
10	4,5,7	3.0	0.1	5500	8-9½		8'-9½': Silty sand (90% sand), medium to coarse grain, moderately well sorted, quartz, sub-angular, medium dense, moist, light brown. (SP/SM)	80%
15	3,6,15	0.7		5501	13-14½		9'-9½': Sandy clay (80% clay), stiff, slightly moist, plastic, reddish brown. (CH)	80%
							13'-14½': Clayey sand, stiff, plastic clay alternating with coarse sand and sandy clay, slightly moist to moist, grayish brown. (SC)	70%
20	10,15	0.2		5502	18-19½		14'-14½': Silty sand (85% sand), coarse grained, well sorted, quartz, subrounded, loose, slightly moist, reddish brown. (SM)	
25	10,17	0.1			23-24½		18'-19½': Weathered diatomite, weathered to a clay-like material, alternating with well indurated diatomite, slight fissile, brownish gray, minor FeOx staining. (RX)	50%
30		9.5					23'-24½': Diatomite, well indurated, fissile, FeOx staining in fractures, some greenish colored staining, brownish. (RX)	

OVA background 1.5ppm